

**HAC\_E\_Dipole\_835\_131121****DUT: HAC-Dipole 835 MHz**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 -SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**E Scan - measurement distance from the probe sensor center to CD835 = 15mm  
/Hearing Aid Compatibility Test at 15mm distance (41x361x1):** Measurement grid:

dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 109.3 V/m; Power Drift = 0.04 dB

PMF = 1.000 is applied.

E-field emissions = 112.9 V/m

Average value of Total=(112.9+108.4) / 2 = 110.65 V/m

PMF scaled E-field

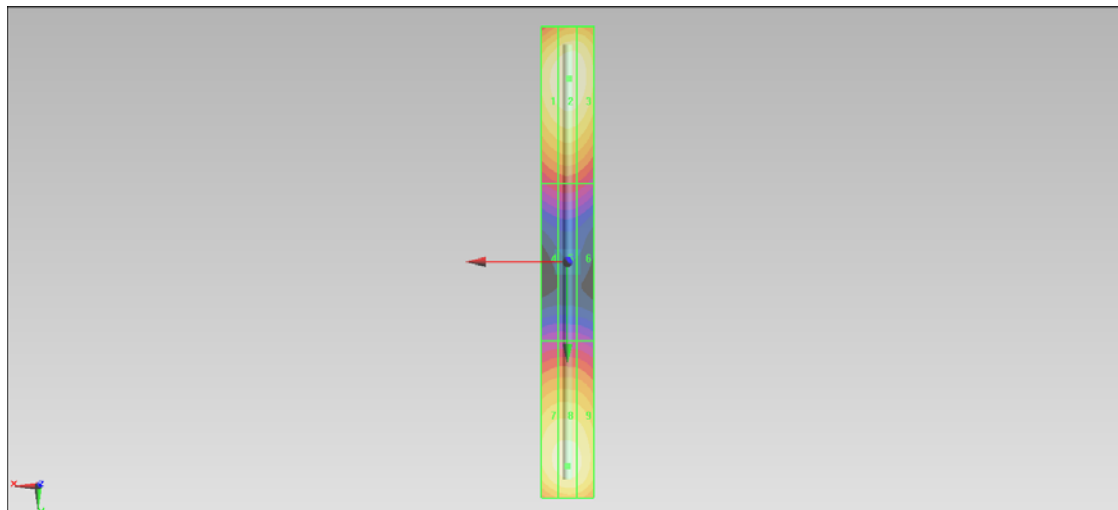
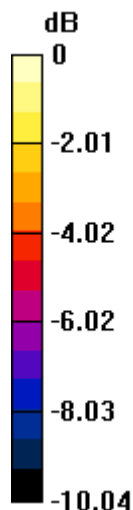
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M4</b><br><b>110.0 V/m</b> | Grid 2 <b>M4</b><br><b>112.9 V/m</b> | Grid 3 <b>M4</b><br><b>111.6 V/m</b> |
| Grid 4 <b>M4</b><br><b>65.78 V/m</b> | Grid 5 <b>M4</b><br><b>66.84 V/m</b> | Grid 6 <b>M4</b><br><b>65.49 V/m</b> |
| Grid 7 <b>M4</b><br><b>107.2 V/m</b> | Grid 8 <b>M4</b><br><b>108.4 V/m</b> | Grid 9 <b>M4</b><br><b>107.0 V/m</b> |

**Cursor:**

Total = 112.9 V/m

E Category: M4

Location: -0.5, -70, 9.7 mm



0 dB = 112.9 V/m = 41.05 dB V/m

**HAC\_E\_Dipole\_1880\_131121****DUT: HAC Dipole 1880 MHz**

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 -SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**E Scan - measurement distance from the probe sensor center to CD1880 = 15mm**  
**/Hearing Aid Compatibility Test at 15mm distance (41x181x1):** Measurement grid:

dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 155.7 V/m; Power Drift = 0.05 dB

PMF = 1.000 is applied.

E-field emissions = 91.13 V/m

Average value of Total=(91.13+90.63) / 2 = 90.88 V/m

PMF scaled E-field

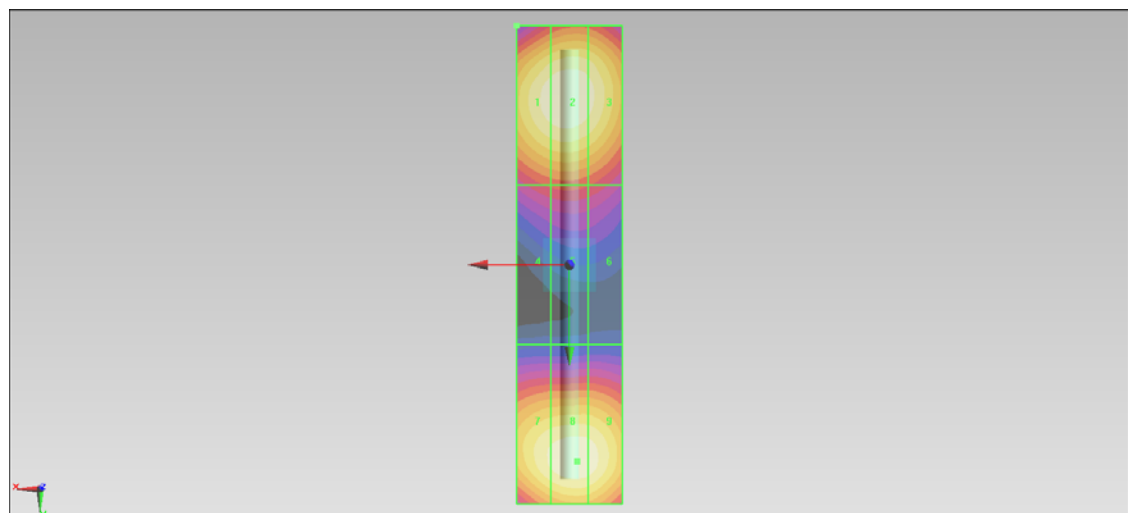
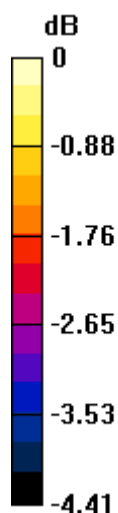
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>90.01 V/m</b> | Grid 2 <b>M3</b><br><b>91.13 V/m</b> | Grid 3 <b>M3</b><br><b>89.38 V/m</b> |
| Grid 4 <b>M3</b><br><b>72.63 V/m</b> | Grid 5 <b>M3</b><br><b>73.28 V/m</b> | Grid 6 <b>M3</b><br><b>72.21 V/m</b> |
| Grid 7 <b>M3</b><br><b>88.79 V/m</b> | Grid 8 <b>M3</b><br><b>90.63 V/m</b> | Grid 9 <b>M3</b><br><b>90.06 V/m</b> |

**Cursor:**

Total = 63.89 V/m

E Category: M3

Location: 10, -45, 9.7 mm



0 dB = 91.13 V/m = 39.19 dB V/m